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**OYEN WIGGS
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Application No. : **2,481,260**
Owner : **ERS ELECTRONIC GMBH**
Title : **METHOD AND DEVICE FOR CONDITIONING
SEMICONDUCTOR WAFERS AND/OR HYBRIDS**
Classification : **H01L 21/00 (2006.01)**
Your File No. : **R266 0052/GFK P**
Examiner : **Coralie Gill, M.A.Sc**

YOU ARE HEREBY NOTIFIED OF :

- A REQUISITION BY THE EXAMINER IN ACCORDANCE WITH SUBSECTION 30(2) OF THE *PATENT RULES*;
- A REQUISITION BY THE EXAMINER IN ACCORDANCE WITH SECTION 29 OF THE *PATENT RULES*.

IN ORDER TO AVOID MULTIPLE ABANDONMENTS UNDER PARAGRAPH 73(1)(A) OF THE PATENT ACT, A WRITTEN REPLY TO EACH REQUISITION MUST BE RECEIVED WITHIN 6 MONTHS AFTER THE ABOVE DATE.

This application has been examined taking into account the:

Description, pages 1-11, as originally filed;
Claims, 1-20, as originally filed; and
Drawings, pages 1/5-5/5, as originally filed.

The number of claims in this application is 20.

The examiner has identified the following defects in the application:

A search of the prior art has revealed the following:

Reference Applied:

PCT Application
WO99/10927

4-03-1999

H01L 21/58

Farrens et al.

Canada

OPIC  CIPO

Farrens et al. disclose a method for chemically bonding semiconductor wafers and other materials to one another without exposing wafers to wet environments, and a bonding chamber for in situ plasma bonding.

Claims 1-20 do not comply with section 28.3 of the *Patent Act*. The subject matter of these claims would have been obvious on the claim date to a person skilled in the art or science to which they pertain having regard to Farrens et al. and common knowledge in the art. (abstract; section: "Insitu Bonding Apparatus" & "Insitu Bonding Method")

Claim 1 is indefinite and does not comply with subsection 27(4) of the *Patent Act*. The inclusion of "dry fluid" causes ambiguity.

Claims 1-20 are indefinite and do not comply with subsection 27(4) of the *Patent Act*. The inclusion of "hybrid" causes ambiguity.

Claims 1 and 9 are indefinite and do not comply with subsection 27(4) of the *Patent Act*. The inclusion of "and/or" causes ambiguity.

Claims 2 and 20 are indefinite and do not comply with subsection 27(4) of the *Patent Act*. The inclusion of "essentially" causes ambiguity.

Claims 18 and 19 are indefinite and do not comply with subsection 27(4) of the *Patent Act*. The inclusion of "can" causes ambiguity.

Claim 8 should be a single sentence.

Lines 1-3 on page 12 (Claims) are not necessary in Canadian Practice and should be removed. The inclusion of the "P1574B SB/file" header in the claims is also not necessary and should be removed.

In view of the foregoing defects, the applicant is requisitioned, under subsection 30(2) of the *Patent Rules*, to amend the application in order to comply with the *Patent Act* and the *Patent Rules* or to provide arguments as to why the application does comply.

Section 29 of the Patent Rules requisition

Under section 29 of the *Patent Rules*, the applicant is requisitioned to provide:

- identification of any prior art cited in respect of the United States Patent and Trademark Office, and European Patent Office applications describing the same invention on behalf of the applicant or on behalf of any other person claiming under an inventor named in the present application; and the patent numbers, if granted, subsequent to the International Search Report under paragraph 29(1)(a) of the *Patent Rules*.

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To satisfy this requisition, applicant should provide all the preceding information or documents, or provide in accordance with subsection 29(3) of the *Patent Rules* a statement of reasons why any information or document is not available or known.

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